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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Jean-Francois CROIZY et al.

Serial No.: 10/049,463

Group Art Unit: 1625

Filed: August 2, 2002

Examiner: Unassigned

For: METHOD FOR MAKING METHYL ETHYL KETONE CYANOHYDRIN

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

**CITED MATERIALS**

Applicant(s) hereby disclose the information listed in the attached form PTO-1449.

- ☐ Copies of materials listed but not attached were cited in parent application Serial No. \_\_\_\_; see 37 C.F.R. § 1.98(d).
- ☒ Copies of materials listed but not attached were cited in an International Search Report dated September 29, 2000; receipt of the International Search Report and copies of references was confirmed by the PCT International Division of the U.S. PTO in the Notice of Acceptance mailed January 30, 2003.

**FEES**

- ☒ No fee is required for this Information Disclosure Statement because:
  - ☐ This Information Disclosure Statement is being filed within three months of the filing date of a national application (other than a CPA) under § 1.53(d) or within 3 months of the date of entry of the national stage under § 1.491 in an international application;
  - ☒ This Information Disclosure Statement is being filed before the mailing of a first action on the merits;
  - ☐ This Information Disclosure Statement is being filed after a first action on the merits but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that closes prosecution in the application, and is accompanied by a certification below.
  - ☐ This Information Disclosure Statement is filed under 37 C.F.R. § 1.97(i).


CERTIFICATION

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned, having made reasonable inquiry, no such item was known to any individual designated in 37 CFR § 1.56(c), more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

If a fee is due, attached is a check in the amount of \$\_\_\_\_\_. However, the Commissioner is hereby authorized to charge fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

  
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Attorney/Agent for Applicants

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Attorney Docket No.: ATOCM-252

Date: February 27, 2003  
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|   |   |    |   | Application Number       | 10/049,463                  |
|   |   |    |   | Filing Date              | August 2, 2002              |
|   |   |    |   | First Named Inventor     | Jean-Francois CROIZY et al. |
|   |   |    |   | Group Art Unit           | 1625                        |
|   |   |    |   | Examiner Name            | Unassigned                  |
| Sheet   | 1 | of | 2 | Attorney Docket Number   | ATOCM-252                   |

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| Examiner<br>Signature |  | Date<br>Considered |  |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

### Complete if Known

|                        |                             |
|------------------------|-----------------------------|
| Application Number     | 10/049,463                  |
| Filing Date            | August 2, 2002              |
| First Named Inventor   | Jean-Francois CROIZY et al. |
| Group Art Unit         | 1625                        |
| Examiner Name          | Unassigned                  |
| Attorney Docket Number | ATOCM-252                   |

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|--------------------------|---|----------------|
|                        | 1                        | XP002138712 Abstract - Saito, Minoru et al: "Preparation of acetone cyanohydrin" 7 pages.   |                |
|                        | 2                        | XP002138711 Abstract - "Houben-Weyl Methoden Der Organischen Chemie. Band VIII" 1952, George Thieme Verlag, pages 274-275.  |                |
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Examiner  
Signature

Date  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 00/02136

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C253/00 C07C255/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BEILSTEIN Data, CHEM ABS Data, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | WO 85 00166 A (UNION CARBIDE CORP)<br>17 January 1985 (1985-01-17)<br>cited in the application<br>page 1 -page 4   | 1                     |
| A          | DATABASE CHEMABS 'Online!<br>CHEMICAL ABSTRACTS SERVICE, COLUMBUS,<br>OHIO, US;<br>SAITO, MINORU ET AL: "Preparation of<br>acetone cyanohydrin"<br>retrieved from STN<br>Database accession no. 128:140465<br>XP002138712<br>abstract<br>& JPN. KOKAI TOKKYO KOHO, 7 PP.,<br>-/- | 1                     |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

18 September 2000

Date of mailing of the international search report

29/09/2000

Name and mailing address of the ISA

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Sánchez García, J.M.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 00/02136

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| A          | <p>"HOUBEN-WEYL METHODEN DER ORGANISCHEN<br/>CHEMIE. BAND VIII"<br/>1952 , GEORGE THIEME VERLAG , STUTTGART.;<br/>DE XP002138711<br/>page 274 -page 275</p> | 1                     |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR 00/02136

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---------------------|----------------------------|---------------------|
| WO 8500166 A                              | 17-01-1985          | US 4517132 A               | 14-05-1985          |
|   |                     | AU 570484 B                | 17-03-1988          |
|   |                     | AU 3101384 A               | 25-01-1985          |
|   |                     | BR 8406951 A               | 04-06-1985          |
|   |                     | CA 1246096 A               | 06-12-1988          |
|   |                     | DE 3461633 D               | 22-01-1987          |
|   |                     | EP 0132320 A               | 30-01-1985          |
|   |                     | HU 190939 B                | 28-12-1986          |
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|   |                     | IL 72272 A                 | 31-01-1988          |
|   |                     | KR 8903598 B               | 27-09-1989          |
|   |                     | ZA 8405008 A               | 27-02-1985          |